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	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	09/752,134	12/27/2000	Gilbert Neiger	042392.P9770	8719
	59796 INTEL CORPO	7590 11/13/2007 DRATION		EXAMINER	
	c/o INTELLEVATE, LLC P.O. BOX 52050		PYZOCHA, MICHAEL J		
		MINNEAPOLIS, MN 55402		ART UNIT	PAPER NUMBER
				2137	
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				MAIL DATE	DELIVERY MODE
				11/13/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

		mN			
•	Application No.	Applicant(s)			
Office Action Comment	09/752,134	NEIGER ET AL.			
Office Action Summary	Examiner	Art Unit			
	Michael Pyzocha	2137			
The MAILING DATE of this communication a Period for Reply	appears on the cover sheet w	ith the correspondence address			
A SHORTENED STATUTORY PERIOD FOR REF WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication If NO period for reply is specified above, the maximum statutory peri - Failure to reply within the set or extended period for reply will, by sta Any reply received by the Office later than three months after the may earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNI 1.136(a). In no event, however, may a lood will apply and will expire SIX (6) MOI stute, cause the application to become A	CATION. reply be timely filed NTHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).			
Status	•				
Responsive to communication(s) filed on 05 This action is FINAL. 2b) ☐ T Since this application is in condition for allow closed in accordance with the practice under	his action is non-final. wance except for formal mat	·			
Disposition of Claims					
4) Claim(s) 9 and 31-40 is/are pending in the a 4a) Of the above claim(s) is/are withd 5) Claim(s) is/are allowed 6) Claim(s) 9 and 31-40 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and	Irawn from consideration.				
Application Papers					
9) The specification is objected to by the Exam					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.					
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).					
11) The oath or declaration is objected to by the	· ·				
Priority under 35 U.S.C. § 119		•			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume application from the International Bure * See the attached detailed Office action for a line.	ents have been received. ents have been received in A riority documents have beer eau (PCT Rule 17.2(a)).	Application No n received in this National Stage			
Attachment(s)					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application			

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DETAILED ACTION

1. Claims 9 and 31-40 are pending.

2. Response filed 10/05/2007 has been received and considered.

Examiner's Note

3. It is noted to Applicant that claim 9 has strikethroughs and underlines even though the claim has been previously presented.

Specification

4. The objection to the specification has been withdrawn based on the filed amendment.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 6. Claims 9 and 31-40 are rejected under 35 U.S.C. 102(b) as being anticipated by Robinson, U.S. Patent No. 5,522,075.

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As per claims 9, 33, 36, and 39, Robinson discloses running guest software in a processor mode that enables the guest software to operate at a privilege level intended by the guest software (Col 14, lines 12-15); identifying an attempt of the guest software to perform an operation restricted by said processor mode (Col 12, lines 50-53); determining that the attempt of the guest software would fail if the guest software was running outside said processor mode (Col 12, lines 20-60); allowing the guest software to attempt the operation in response to determining that the attempt would fail (Col 12, lines 20-60); and transferring control over the operation to an operating system running within said processor mode in response to the guest software attempting the operation (see column 12 lines 20-60 and column 7 lines 5-42).

As per claims 31, 34, 37, and 40, Robinson discloses determining that the attempt of the guest software would fail includes determining that the guest software is running with insufficient privilege to perform the operation (Col 12, lines 20-60).

As per claims 32, 35, and 38, Robinson discloses exiting said processor mode to transfer control over the operation to a virtual machine monitor running outside said processor mode in

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response to determining an attempt would succeed (see column 12 lines 20-60).

Response to Arguments

7. Applicant's arguments filed 11/07/2006 have been fully considered but they are not persuasive. Applicant argues that Robinson fails to disclose, "transferring control over the operation to an operating system running within said processor mode in response to the guest software attempting the operation".

With respect to this argument Robinson teaches that instructions are performed in the VM mode or a VMM mode (see column 12 lines 20-60). Robinson further teaches that both the VM and VMM contain an operating system (see column 7 lines 5-42). Whenever an operation is performed in either mode it is controlled by an operating system. So in the situation when a privileged operation is attempted in the VM mode it transfers control to the operating system of the VMM. Furthermore, in order for the VM to be able to operate again the control must be transferred back to the operating system of the VM. Therefore, Robinson discloses "transferring control over the operation to an operating system running within said processor mode in response to the guest software attempting the operation".

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Conclusion

8. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Pyzocha whose telephone number is (571) 272-3875. The examiner can normally be reached on 7:00am - 4:30pm first Fridays of the bi-week off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the

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organization where this application or proceeding is assigned is 571-273-8300.

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MJP

